

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Sir:

Transmitted herewith for filing is the patent application of

Inventors: EDWARD R. BEADLE, JOHN F. DISHMAN

Title: SYSTEM AND METHOD FOR AN IN-SERVICE DECISION-DIRECTED
SIGNAL TO NOISE RATIO ESTIMATOR

Enclosed are:

- ☒ [X] A Cover Sheet, an Abstract, Nineteen (19) pages of specification and Claims 1-23.
- ☒ [X] One (1) sheet of Informal drawings showing Figure 1.
- ☐ [] A Combined Declaration and Power of Attorney.
- ☒ [X] A check in the amount of \$1,130.00 to cover the filing fee as calculated below:

NUMBER OF CLAIMS				NUMBER EXTRA		LARGE/SMALL ENTITY		FEE
TOTAL	23	- 20	=	3	x	\$18 or \$9	=	\$ 54.00
INDEP.	7	- 3	=	4	x	\$84 or \$42	=	\$336.00
MULTIPLE DEPEND.	[] Yes					\$270 or \$135=\$		
(\$740 or \$370)						BASIC FILING FEE =\$740.00		
						TOTAL FILING FEES =\$1,130.00		

The Commissioner is hereby authorized to charge payment of any additional fees associated with this payment or to credit any overpayment to Deposit Account No. 18-1835.

A duplicate of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "L. Lawton Rogers, III", with a horizontal line drawn beneath it.

L. Lawton Rogers, III

Reg. No. 24,302

D. Joseph English

Reg. No. 42,514

Mark C. Comtois

Reg. No. 46,285

Patrick D. McPherson

Reg. No. 46,255

1401 Eye Street, N.W., Suite 300

Washington, DC 20005

Telephone: (202) 898-1515

Telecopier: (202) 898-1521

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